

WHAT IS CLAIMED IS:

1. A printing head for ejecting ink, comprising:  
a printing element board including an energy  
5 generating element for generating energy used for  
ejecting the ink;

a wiring board used for supplying an electric signal  
or an electric power from an apparatus main body to  
said printing element board, said wiring board  
10 including an electrode wiring line connected with an  
electrode of said printing element board to supply the  
electric signal or an electric power; and

a supporting member supporting said printing  
element board, said supporting member being formed with  
15 an electrode wiring line for connecting the electrode  
wiring lines, which supply the electric signal of the  
same kind or the electric power of the same kind, with  
each other among the electrode wiring lines connected  
with the electrode of said printing element board.

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2. A printing head as claimed in claim 1, wherein  
the electrode wiring line in said supporting member  
is formed on said supporting member.

25 3. A printing head as claimed in claim 1, wherein  
the electrode wiring line in said supporting member  
is formed inside said supporting member and only a part

of said electrode wiring line which connects with the electrode wiring line of said wiring board is exposed.

4. A printing head as claimed in claim 1, wherein  
5 said wiring board is sandwiched between said supporting member and a board forming outermost surface of said printing head.

5. A printing head as claimed in claim 1, wherein  
10 the connection of the electrode wiring line of said wiring board with the electrode of said printing element board is made in a state in which said electrode wiring line is entirely covered with said wiring board.

15 6. A printing head as claimed in claim 1, wherein the energy generating element generates thermal energy to generate a bubble in the ink and the ink is ejected by pressure of the bubble.

20 7. An ink jet printing apparatus which employing a printing head to eject ink to a printing medium for performing printing,

wherein the printing head comprises:

25 a printing element board including an energy generating element for generating energy used for ejecting the ink;

a wiring board used for supplying an electric

signal or an electric power from an apparatus main body to said printing element board, said wiring board including an electrode wiring line connected with an electrode of said printing element board to supply the electric signal or an electric power; and

5 a supporting member supporting said printing element board, said supporting member being formed with an electrode wiring line for connecting the electrode wiring lines, which supply the electric signal of the same kind or the electric power of the same kind, with each other among the electrode wiring lines connected with the electrode of said printing element board.

8. An ink jet printing apparatus as claimed in claim 15 7, wherein the electrode wiring line in said supporting member is formed on said supporting member.

9. An ink jet printing apparatus as claimed in claim 7, wherein the electrode wiring line in said supporting member is formed inside said supporting member and only a part of said electrode wiring line which connects with the electrode wiring line of said wiring board is exposed.

25 10. An ink jet printing apparatus as claimed in claim 7, wherein said wiring board is sandwiched between said supporting member and a board forming outermost

surface of said printing head.

11. An ink jet printing apparatus as claimed in claim 7, wherein the connection of the electrode wiring  
5 line of said wiring board with the electrode of said printing element board is made in a state in which said electrode wiring line is entirely covered with said wiring board.

10 12. An ink jet printing apparatus as claimed in claim 7, wherein the energy generating element generates thermal energy to generate a bubble in the ink and the ink is ejected by pressure of the bubble.